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# TREE, SHRUB AND FRUIT SEEDS

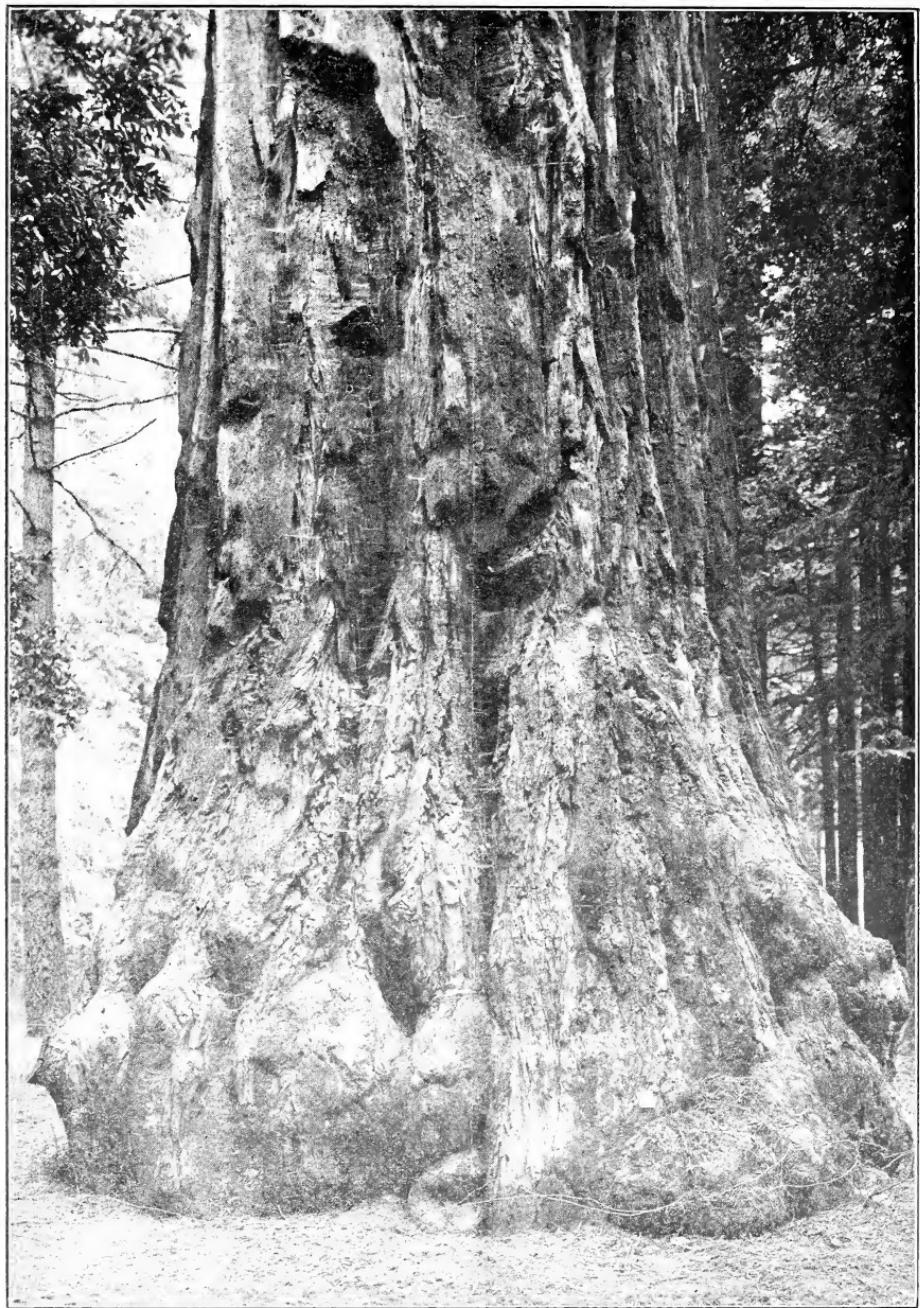
## PRICE LIST

Autumn 1917 = Spring 1918

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Thomas J. Lane  
TREE SEEDSMAN  
Dresher, Penna., U. S. A.



**THE BASE OF A LARGE REDWOOD TREE  
(*Sequoia Sempervirens*) Growing in California, U. S. A.**

By courtesy of American Forestry Magazine, Washington, D. C.

## **Conditions and Terms**

All offers and acceptances of orders are subject to my receiving the full quantity for which I have placed orders with my growers and collectors. Failing to get these amounts, I reserve the right to reduce proportionately all orders that have been booked; or fill orders in rotation received while supply lasts.

I give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants I send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

All claims must be made upon receipt of goods.

AFTER GOODS ARE PLACED ON BOARD CARS HERE, I AS-SUME NO RESPONSIBILITY FOR THEIR SAFE DELIVERY OR ANY INJURY CAUSED BY DELAY IN DELIVERY BY THE TRANSPOR-TATION COMPANY.

Sacks and box and packing charged additionally.

Not less than one-quarter pound will be supplied at pound rates nor one-quarter bushel at bushel rates. Half ounces will be supplied at ounce rates where the price per ounce is not lower than 20c.

When seeds are to go by mail, postage is charged at Parcel Post rates in U. S. A. Consult your postmaster as to your zone and allow charges accordingly. Foreign countries 12c. per pound for postage.

SATISFACTORY ARRANGEMENTS FOR PAYMENT MUST ACCOMPANY ORDERS FROM UNKNOWN CORRESPONDENTS.

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Terms—Net Cash 30 days. 2% in 10 days.

Special prices will be quoted on large quantities.

Cable Address "LANE AMBLER" A. B. C. Code 4th and 5th Edition.

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**Thomas J. Lane**  
TREE SEEDSMAN  
**Dresher, - - Penna.**

## **General Information and Suggestions For Planting**

Seeds to germinate must have the proper conditions of heat and moisture. These conditions vary greatly with different seeds. Experience and close attention are necessary to successful propagation and the propagator must be a close observer of the wants and habits of trees and plants and be able to gather knowledge from what he may see. Owing to certain conditions of moisture, temperature and time which they do not always meet with after sowing, seeds sometimes fail to appear the first season. Examine them at close of Spring, and if found sound do not disturb them, and their germination may be looked for the season following.

Seeds of deciduous trees and shrubs are best sown in the Fall, pines and similar evergreens in Spring, but deciduous ones will grow very well sown in Spring if kept in good condition through the Winter. When sown in Spring seeds of a hard, bony nature, such as the yellow locust, are best soaked in hot water for a day or two and then sown at once. Seeds of maples, ash, magnolia, beech, all nut trees, as well as many other kinds require to be kept slightly moist over Winter if not sown in Fall; on the other hand, catalpa and some others may be kept quite dry until Spring comes.

All Spring sowing should be early; even if the ground freezes later it won't injure the seeds at all.

Junipers, hollies and a few similar seeds remain a full year before sprouting. It is just as well, therefore, to keep them in a box of soil until the next Autumn, then sow them.

For seed of the nut-bearing trees, as acorns, chestnut, hickory, black and white walnut, etc., the open field, if of mellow, rich soil, makes a good and sufficient seed bed.

After the ground is thoroughly cultivated, mark out as for corn, planting the seeds closely in the light furrows or drills.

The drills may be made at any convenient distance. If cultivated with the hoe they need be but a foot apart; but, unless short of room, they had better be sown in broader drills, and the drills three or four feet apart, so that the space between them may be worked with the horse or cultivator.

If the planting is done in the Fall it is better to mulch the ground with straw, leaves, or any like material; this will prevent baking of the soil after the Spring rains, and keep it in a nice mellow condition. The mulching should be removed in the Spring, or, at least so much that it will not interfere with the growth of the young seedlings.

The smaller seeds, such as maple, white ash, tulip, linden, magnolia, etc., require greater care in planting.

Let the soil be thoroughly pulverized, then throw up into beds a few feet wide, and any desirable length. Mark out and plant in drills by placing a board across the bed and making the drill along the edge of the board with a sharpened stick, then sow the seed in the drill; cover lightly, and then turn forward the board for a new drill. The width of the board regulates the distance apart of the drills, and as such seedlings are not usually allowed to grow more than one year before transplanting, the board need not be more than eight or ten inches wide. Mulch with straw if planted in the Fall, removing in the Spring.

Red and Silver Maple, Elm, etc., ripen their seed late in the Spring, or early Summer. They will keep but a few weeks, and should be planted immediately. Silver maple seed planted in June will often make a growth of fifteen or twenty inches by the last of October. Birch seed can be kept in sand in a cool place and planted the following Spring.

The seed of evergreens is always found in cones, with the exception of the juniper and yew, which produce small berries; hence, the general name applied to evergreens of coniferae, or cone-bearing.

The soil most suitable for raising conifers is a light sandy loam, rich in vegetable matter, but entirely free from rank manures. The soil should be deeply spaded and thoroughly pulverized. Then lay off in beds four feet wide, and any desirable length, with paths of one foot between. The beds should be higher in the middle, the sides being but little higher than the paths. The seed is usually sown broadcast and then carefully and lightly raked in; but some prefer sowing in drills a few inches apart, then rolling, or pressing with back of the spade, and sifting over them a very light covering of one-eighth to one-quarter of an inch of soil. The ground should be prepared the Fall before, and the seed put in at the earliest possible moment in the Spring. Most failures in growing evergreen seedlings arise from not having the seed beds partially shaded. If hot sunshine falls on them while the seeds are swelling, and cold follows, a large proportion will rot before they appear above the ground. When seedlings are raised extensively artificial arbors are made high enough to work under. When the growing is done on a less extensive scale, stakes are driven at convenient distances along the sides of the beds to which boards six inches wide are nailed, to support screens for shading the young seedlings. The lower edge of these boards should be but four or five inches above the surface of the ground, to allow the air to circulate freely over the beds. Lath screens are very satisfactory.

The germination of evergreen seeds often requires from thirty to sixty days, they being slower in swelling and bursting their coats than many other seeds. Sometimes they will lay dormant one season and come up nicely the next; hence if they fail to grow the first year it is well to examine the seed, and, if it remains plump, with fresh-looking kernels, keep the beds weeded for the next season.

The critical period for the young evergreen seedlings extends over six or eight weeks from the time they make their first appearance, or, until they form their secondary leaves. They are extremely sensitive to external influences, a little excess of drought, heat, or moisture proving ruinous, rotting the stem off at the surface of the ground.

Rainy, hot weather, or a warm rain saturating the beds after they have become very dry, will often cause them to damp off by thousands. The destruction may often be arrested by sifting dry sand over the bed.

In the Fall the young seedlings should be covered with leaves, straw, or marsh-hay, which will prevent them from being drawn out by the frequent thawing and freezing.

Approximate number of seeds to the pound; following varieties:

Abies Concolor	7,000	Berberis Thunbergii	
Abies Douglassi	25,000	Berries	4,500
Abies Excelsa	25,000	Betula alba	60,000
Cupressus Lawsoniana	40,000	Calycanthus floridus	2,400
Juniperus Virginiana	15,000	Catalpa Speciosa	12,000
Pinus Austriaca	20,000	Juglans Nigra	15 to 20
Pinus Ponderosa	12,000	Larix Europaea	12,000
Pinus Rigida	32,000	Liquidambar Styraciflua	16,000
Pinus Strobus	20,000	Liriodendron tulipifera	10,000
Pinus Sylvestris	30,000	Maclura durantica	12,000
Thuya gigantea	60,000	Magnolia acuminata	21,000
Thuya Orientalis	17,000	Morus alba	33,000
Acer Dasycarpum	2,400	Robinia Pseudo-acacia	15,000
Acer platanoides	3,000	Tilia Americana	3,500
Acer Rubrum	12,000	Ulmus Americana	45,000
Acer saccharinum	3,500	Viburnum acerifolium	7,000
Berberis Vulgaris	12,000	Viburnum prunifolium	1,500
Berberis Thunbergii,		Ampelopsis Veitchii	8,000
Clean Seed	18,000		

One of my customers reported an estimated stand of 100,000 Apple stocks from 1 bu. seed.

## Evergreens

		Quantities of 10 lbs. and over	Per oz.	Per lb.	Per lb.
Abies (Picea) amabilis, California Fir .....	\$0.35	\$4.25		\$4.00	
"    "    Arizonica, Arizona Cork Fir .....	.60	7.50		7.25	
"    "    balsamea, Balsam Fir .....	.15	2.00		1.90	
"    "    brachyphylla .....	.20	2.25		2.00	
"    "    concolor, California Silver Fir .....	.15	1.60		1.40	
"    "    concolor, Colorado Silver Fir .....	.15	1.85		1.75	
"    "    firma, Japanese .....	.15	1.35		1.25	
"    "    Fraseri, Double Balsam .....	.25	5.00			
"    "    grandis, Pacific Coast Fir .....	.20	2.65		2.40	
"    "    magnifica     "    "    " .....	.20	2.15		2.00	
"    "    nobilis     "    "    " .....	.30	3.40		3.15	
"    "    Nordmanniana, Nordman Fir .....	.15	1.60		1.50	
"    "    pectinata, European Silver Fir .....	.15	1.25		1.00	
"    "    sub-alpina .....	.30	3.50		3.35	
"    "    Veitchii .....	.25	3.25		3.00	
Araucaria excelsa .....	.20	2.00		1.90	
Arctostaphylos glauca .....	.10	1.00		.90	
"    "    pungens .....	.10	1.00		.90	
"    "    tomentosa .....	.10	1.10		1.00	
Berberis Aquifolium (Mahonia) Clean Seed .....	.15	1.60		1.40	
"    "    Japonica     "    " .....	.15	2.00		1.85	
Brahea edulis     Palm .....	.10	1.00		.90	
"    "    filamentosa     " .....	.10	.90		.80	
"    "    glauca     " .....	.10	1.25		1.15	
"    "    robusta     " .....	.10	1.25		1.15	
"    "    Sonorae .....	.20	2.35		2.25	
Buxus sempervirens, Box .....	.15	1.50		1.40	
Cedrus Atlantica, Mt. Atlas Cedar .....	.15	2.00		1.85	
"    "    Deodara, Deodar Cedar .....	.15	2.00		1.85	
"    "    Libani, Cedar Lebanon .....	.15	2.00		1.85	
Cinnamomum Camphora, Camphor Tree .....	.10	.65		.50	
Crataegus Pyracantha, Evergreen Thorn .....	.15	1.25		1.10	
Cryptomeria Japonica, Japanese Cedar .....	.10	1.25		1.10	
Cupressus Arizonica .....	.20	2.25		2.15	
"    "    Benthamiana .....	.20	2.50		2.35	
"    "    Goveniana .....	.30	2.75		2.60	
"    "    macrocarpa, Monterey Cypress .....	.15	2.00		1.85	
"    "    sempervirens .....	.15	1.00		.80	
"    "    thyoides, White Cedar .....	.15	2.00		1.85	
Eucalyptus amygdalina .....	.50	6.00		5.75	
"    "    corynocalyx .....	.55	5.25		5.00	
"    "    globulus .....	.40	4.00		3.85	
"    "    Gunnii .....	.50	5.25		5.00	
"    "    leucoxylon .....	.50	4.75		4.50	
"    "    obtusifolia .....	.90	12.00		11.00	
"    "    resinifera .....	.65	6.75		6.50	

Where seeds are to go by mail, add postage at Parcel Post rates in U. S. A. Foreign Countries 12 cts. per pound.

## Evergreens—Continued

		Quantities of 10 lbs. and over	Per oz.	Per lb.	Per lb.
Eucalyptus robusta .....	\$0.35	\$4.15		\$4.00	
" rostrata .....	.30	3.50		3.25	
" viminalis .....	.40	3.75		3.60	
Garrya elliptica .....	.50	5.50		5.25	
Gaultheria procumbens, Winter Green, Tea Berry .....	.15	1.75		1.50	
" Shallon .....	.30	3.00		2.85	
Ilex Aquifolium, English Holly .....	.15	1.00		.85	
" opaca, American " .....	.10	.60		.50	
Juniperus Chinensis, Chinese Juniper .....	.10	1.85		1.75	
" California .....	.15	2.25		2.10	
" communis, Common " .....	.15	1.10		1.00	
" occidentalis, Western " .....	.10	1.00		.90	
" prostrata .....	.15	1.10		1.00	
" Sabina, Savin " .....	.15	1.50		1.35	
" sabinooides .....	.15	1.75		1.60	
" scopulorum .....	.20	1.60		1.50	
" suecica, Swedish " .....	.15	1.85		1.75	
" Virginiana, Red Cedar .....	.10	.60		.40	
Kalmia angustifolia, Laurel .....	.35	3.25		3.00	
" latifolia, Sheep Laurel .....	.30	2.75		2.50	
Laurus nobilis, Sweet Bay .....	.10	.70		.60	
Libocedrus decurrens, American Grown .....	.30	2.60		2.40	
Magnolia grandiflora, Evergreen Magnolia .....	.10	1.00		.90	
Oreodaphne California, Cal. Nutmeg .....	.10	1.10		1.00	
Photinia arbutifolia .....	.10	1.00		.85	
Picea (Abies) alba White Spruce .....	.30	4.00		3.85	
" " Alcoquiana, Japanese " .....	.30	3.00		2.75	
" " aganensis .....	.75	9.00		8.50	
" " canadensis, Black Hill Spruce .....	.35	4.25		4.10	
" " Engelmanni .....	.25	2.50		2.40	
" " excelsa, Norway " .....	.20	2.10		2.00	
" " Hookeriana .....	.75	10.00			
" " nigra, Black .....	.30	3.50		3.35	
" " Orientalis, Oriental " .....	.40	5.00		4.75	
" " pungens, Colorado Blue .....	.25	2.50		2.40	
" " polita .....	.30	2.75		2.60	
" " rubra, Red .....	.30	3.50		3.25	
" " Sitchensis (Menziesii) .....	.30	3.15		3.05	
Pinus aristata, Colorado Fox-tail Pine .....	.35	4.50		4.25	
" Austriaca, Austrian " .....	.20	2.60		2.35	
" Banksiana, Jack .....	.30	3.50		3.25	
" cembra, Swiss Stone .....	.15	1.90		1.75	
" Canariensis .....	.15	1.85		1.75	
" Cembroides, Mexican Stone " .....	.30	3.50		3.25	
" contorta .....	.40	4.50		4.35	
" Coulteri, Big Cone .....	.25	3.25		3.00	
" densiflora .....	.15	1.50		1.25	
" edulis, Pinyon .....	.20	1.75		1.65	
" excelsa, Himalayan .....	.20	2.35		2.25	

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## Evergreens—Continued

			Per oz.	Per lb.	Per lb.	Quantities of 10 lbs. and over
<i>Pinus flexilis, Colorado</i>	<i>Pine</i>	.....	\$.20	\$1.90	\$1.80	
“ <i>insignis, Monterey</i>	“	.....	.20	2.20	2.10	
“ <i>inops</i>	.....		.40	4.75	4.50	
“ <i>Jeffreyi</i>	.....		.20	2.40	2.15	
“ <i>Koreaiensis</i>	.....		.15	1.50	1.40	
“ <i>Lambertiana, Sugar</i>	“	.....	.15	1.75	1.60	
“ <i>Laricio</i>	.....		.15	2.25	2.15	
“ <i>Massoniana</i>	.....		.15	1.75	1.60	
“ <i>mitis (echinata)</i>	.....		.35	4.10	4.00	
“ <i>monophylla, Single Leaf</i>	“	.....	.25	2.50	2.35	
“ <i>monticola, Pacific Coast White Pine</i>	.....		.35	4.25	4.00	
“ <i>mughus, Dwarf Mountain Pine</i>	.....		.25	2.00	1.85	
“ <i>muricata</i>	.....		.35	5.25	5.00	
“ <i>Murryana, Lodgepole</i>	“	.....	.40	5.50	5.35	
“ <i>palustris, Yellow Broom</i>	“	.....	.20	2.00	1.85	
“ <i>Parryana, Mexican Pinyon</i>	.....		.30	3.50	3.25	
“ <i>Pinea</i>	.....		.10	.85	.75	
“ <i>ponderosa, Heavy Wooded</i>	“	.....	.15	1.75	1.60	
“ (From Colorado) ( <i>scopulorum</i> )	.....		.15	1.75	1.55	
“ <i>resinosa, Red Norway Pine</i>	.....		.90	10.00	9.75	
“ <i>rigida, Pitch</i>	“	.....	.20	2.50	2.35	
“ <i>Sabiniana</i>	“	.....	.10	1.00	.90	
“ <i>Strobus, White</i>	“	.....	.15	1.75	1.60	
“ <i>sylvestris, Scotch</i>	“	.....	.20	2.35	2.25	
“ <i>taeda, Loblolly</i>	.....		.20	2.75	2.60	
“ <i>Thunbergii</i>	.....		.10	1.25	1.00	
“ <i>Torreyana</i>	.....		.20	2.25	2.15	
“ <i>tuberculata</i>	.....		.35	4.50	4.35	
<i>Podocarpus Chinensis</i>		.....	.10	1.15	1.00	
<i>Prinos glaber, Ink Berry</i>		.....	.10	.85	.70	
<i>Prunus (Cerasus) Caroliniana</i>		.....	.10	1.35	1.20	
“ “ <i>ilicifolia</i>	.....		.10	.90	.80	
<i>Pseudotsuga Douglasii, Douglas Spruce</i>	.....		.25	2.15	2.60	
“ “ “ (Colorado)	.....		.25	2.50	2.35	
“ <i>macrocarpa</i>	.....		.40	4.50	4.25	
<i>Retinispora obtusa</i>		.....	.15	1.75	1.60	
“ <i>pisifera</i>	.....		.15	1.75	1.65	
<i>Rhododendron Catawbiense, Mountain Laurel</i>	.....		.50	5.00		
“ <i>maximum</i>	“	“	.50	3.50		
<i>Sabal Adansoni, Palm</i>		.....	.10	1.10	1.00	
“ <i>Palmetto, Palm</i>		.....	.10	1.25	1.10	
“ <i>serrulata, Saw Palm</i>		.....	.15	1.75	1.50	
<i>Sciadopitys verticillata, Umbrella Pine</i>	.....		.25	2.50	2.25	
<i>Sequoia gigantea, California Big Tree</i>	.....		.30	4.50	4.25	
“ <i>sempervirens, California Red Wood</i>	.....		.25	3.25	3.00	
<i>Taxus baccata, English Yew</i>	.....		.15	1.60	1.50	
“ <i>Cuspidata</i>	.....		.30	3.50	3.35	
“ <i>brevifolia, California Yew</i>	.....		.80	9.50		
<i>Thuja gigantea, Western Arbor-vitae</i>	.....		.30	3.15	3.00	
“ <i>occidentalis, American</i>	“	.....	.20	2.00	1.85	

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## Evergreens—Continued

		Quantities of 10 lbs. and over	Per oz.	Per lb.	Per lb.
<i>Thuja orientalis</i> , <b>Chinese arbor-vitae</b> . . . . .	\$0.15	\$1.15		\$1.10	
“ “ <i>aurea</i> , <b>Chinese Golden</b> “ . . . . .	.15	1.15		1.10	
<i>Torreya Californica</i> . . . . .	.20	2.00		1.85	
<i>Tsuga (Abies) Canadensis</i> , <b>Hemlock Spruce</b> . . . . .	.35	5.50		5.25	
“ <i>Carloniana</i> . . . . .	.50	6.25		6.00	
“ <i>heterophylla</i> . . . . .	.80	10.00		9.75	
“ <i>Mertensiana</i> , <b>Western</b> “ . . . . .	.60	7.50		7.10	
“ <i>Sieboldii</i> , <b>Japanese</b> “ . . . . .	.25	2.65		2.40	
<i>Ulex Europaea</i> , <b>Furze</b> . . . . .	.15	1.15		1.00	
<i>Yucca angustifolia</i> , <b>Adam's Needle</b> . . . . .	.35	4.25		4.00	
“ <i>baccata</i> “ “ . . . . .	.50	6.00			
“ <i>brevifolia</i> “ “ . . . . .	.60	8.00			
“ <i>filamentosa</i> “ “ . . . . .	.20	2.00		1.75	
“ <i>Whipplei</i> . . . . .	.30	4.00		3.75	

## Deciduous Trees and Shrubs

<i>Acer campestre</i> , <b>English Maple</b> . . . . .	\$0.10	\$0.60		\$0.50	
“ <i>circinatum</i> “ . . . . .	.20	2.25		2.00	
“ <i>dasycarpum</i> , <b>Silver</b> (Ready in May only) . . . . .	.10	.40		.30	
“ <i>Ginnale</i> . . . . .	.20	2.50		2.25	
“ <i>glabrum</i> . . . . .	.10	1.50		1.25	
“ <i>macrophyllum</i> , <b>Oregon Maple</b> . . . . .	.10	.95		.85	
“ <i>platanoides</i> , <b>Norway</b> “ . . . . .	.10	.50		.40	
“ <i>pseude-platanus</i> , <b>Sycamore</b> “ . . . . .	.10	.55		.40	
“ <i>rubrum</i> , <b>Red Maple</b> (Ready in May only) . . . . .	.10	.85		.75	
“ <i>saccharum</i> , <b>Sugar Maple</b> . . . . .	.10	.75		.60	
“ <i>spicatum</i> , <b>Mountain</b> “ . . . . .	.15	1.60		1.50	
“ <i>striatum</i> , <b>Striped</b> “ . . . . .	.15	1.60		1.50	
<i>Ailanthus glandulosa</i> , <b>Tree of Heaven</b> . . . . .	.15	1.75		1.60	
<i>Albizia Julibrissin</i> , <b>Mimosa or Paradise Tree</b> . . . . .	.10	1.00		.90	
<i>Alnus glutinosa</i> , <b>Alder</b> . . . . .	.10	1.00		.90	
“ <i>serrulata</i> , <b>Swamp Alder</b> . . . . .	.20	2.50			
<i>Amelanchier Botryapium</i> . . . . .	.20	2.50			
“ <i>Canadensis</i> . . . . .	.25	2.60		2.50	
<i>Amorpha canescens</i> . . . . .	.15	1.60		1.50	
“ <i>fruticosa</i> , <b>Indigo Shrub</b> . . . . .	.10	.50		.35	
<i>Andromeda axillaris</i> . . . . .	.40	5.00		4.75	
“ <i>calyculata</i> . . . . .	.50	6.50		6.25	
“ <i>Catesbaei</i> . . . . .	.35	3.00		2.75	
“ <i>ligustrina</i> , <b>Clean Seed</b> . . . . .	.40	5.00		4.75	
“ <i>Mariana</i> . . . . .	.20	1.50		1.25	
“ <i>nitida</i> . . . . .	.20	1.50		1.25	
“ <i>racemosa</i> . . . . .	.35	4.25		3.75	
“ <i>speciosa</i> . . . . .	.35	4.25		3.75	
<i>Aralia spinosa</i> , <b>Angelica Tree</b> . . . . .	.15	1.60		1.50	
<i>Arbutus Menziesii</i> . . . . .	.15	1.50		1.25	
<i>Asimina triloba</i> , <b>Papaw</b> . . . . .	.10	.65		.60	
<i>Azalea arboreascens</i> . . . . .	.40	5.25		5.00	
“ <i>calendulacea</i> . . . . .	.40	5.25		5.00	

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## Deciduous Trees and Shrubs—Continued

		Quantities of 10 lbs. and over	Per oz.	Per lb.	Per lb.
Azalea mollis, Clean Seed .....	\$4.50				
" nudiflora .....	.30	\$3.00	\$2.75		
" vaseyi .....	.50	5.25	5.00		
" viscosa .....	.30	2.50	2.25		
Baccharis halimifolia, Groundsel Shrub .....	.40	4.00	3.75		
Berberis Fremonti, Silver-leaved Barberry .....	.75	9.00			
" Thunbergii, Japanese Barberry Berries.	.10	.85	.70		
" " " Clean Seed .....	.35	4.25	4.00		
" vulgaris, Common Barberry .....	.10	.75	.65		
" " " purpurea, Purple Barberry .....	.20	1.75	1.60		
Betula alba, European White Birch .....	.10	1.00	.85		
" Lutea, Yellow .....	.15	1.50	1.35		
" lenta, Sweet .....	.15	1.50	1.35		
" papyracea, Paper .....	.15	1.80	1.75		
" populifolia, Poplar .....	.10	1.00	.85		
" rubra, Red (Ready in July) .....	.15	1.25	1.10		
Callicarpa Americana .....	.10	.85	.75		
" purpurea .....	.10	1.25	1.00		
Calycanthus floridus laevigatus, Sweet Shrub .....	.10	.60	.50		
" occidentalis, Western .....	.20	2.25	2.15		
Caragana arborescens, Siberian Pea .....	.10	1.25	1.15		
Carpenteria California .....	1.50				
Carpinus Americana, Hornbeam, Clean Seed .....	.10	.75	.65		
" Betulus, European .....	.10	.85	.75		
Cary alba, Shellbark Hickory per bu., \$5.00		.15			
" amara, Bitter-nut .....	.425	.15			
" olivaeformis, Pecan-nut .....	.15.00	.35			
" porcina, Pig-nut .....	.425	.15			
" sulcata, West'n Shellbk .....	.450	.15			
" tomentosa, White .....	.375	.12			
Cassia Marilandica, Wild Senna .....	.15	1.35	1.25		
Catalpa bignonioides, Eastern Catalpa .....	.10	.90	.75		
" speciosa, Western Catalpa. This is the true forest tree, speciosa, guaran- teed true to name .....	.10	1.10	1.00		
Ceanothus Americanus, Clean Seed .....	.20	2.50	2.25		
" divaricatus .....	.85	11.00			
" thyrsiflorus .....	.20	2.00			
" integerrimus .....	.30	3.50			
Celtis occidentalis, Nettle Tree .....	.10	.65	.50		
Cephalanthus occidentalis .....	.10	.60	.50		
Cercis Canadensis, Judas Tree .....	.10	.75	.60		
Chilopsis linearis .....	.15	1.65	1.50		
Chionanthus Virginica, White Fringe .....	.10	.80	.75		
Citrus trifoliata, Hardy Orange .....	.15	1.35	1.25		
Cladrastis tinctoria, Virgilia .....	.20	2.25	2.10		
Clethra alnifolia, Sweet Pepper Bush .....	.10	.90	.75		
Colutea arborescens .....	.10	.90	.80		

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## Deciduous Trees and Shrubs—Continued

		Quantities of 10 lbs. and over	Per oz.	Per lb.	Per lb.
<i>Cornus alternifolia</i> , <b>Blue-berried Dogwood</b> .....	\$0.10	\$0.85		\$0.75	
" <i>circinata</i> .....	.15	1.65		1.40	
" <i>florida</i> , <b>Large White Dogwood Berries</b> .....	.10	.35		.25	
" <i>Mas</i> , <b>Cornelian Cherry</b> .....	.10	1.00		.90	
" <i>Nuttallii</i> , <b>Pacific Coast Dogwood</b> .....	.15	1.35		1.25	
<i>Cornus paniculata</i> .....	.10	.85		.75	
" <i>sericea</i> , <b>Silky Dogwood</b> .....	.10	.85		.75	
" <i>stricta</i> .....	.15	1.25		1.10	
<i>Corylus Americana</i> , <b>Hazel Nut</b> .....	.10	.45		.40	
" <i>rostrata</i> .....	.15	1.50		1.35	
<i>Crataegus coccinea</i> , <b>White Thorn, berries</b> .....	.10	.50		.40	
" <i>cordata</i> , <b>Washington</b> " .....	.10	.70		.60	
" <i>crus-galli</i> , <b>Cockspur</b> " .....	.10	.50		.40	
" <i>oxyacantha</i> , <b>English Thorn, Clean Seed</b> .....	.10	.75		.60	
<i>Cydonia Japonica</i> .....	.25	2.40		2.25	
<i>Cyrilla racemiflora</i> .....	.10	1.00		.90	
<i>Cytisus Scoparius</i> , <b>Scotch Broom</b> .....	.10	.60		.50	
<i>Diospyros Virginiana</i> , <b>Persimmon, Clean Seed</b> ...	.10	.50		.40	
<i>Dirca palustris</i> .....	.25	2.75		2.50	
<i>Eleagnus angustifolia</i> , <b>Clean Seed</b> .....	.15	1.25		1.10	
" <i>longipes</i> .....	.10	1.00		.90	
" <i>parvifolia</i> .....	.15	1.10		1.00	
" <i>umbellatus</i> .....	.15	1.50		1.35	
<i>Euonymus Americanus</i> , <b>Burning Bush</b> .....	.10	1.10		1.00	
" <i>atropurpureus</i> , " .....	.15	1.25		1.10	
" <i>bungeanus</i> .....	.15	1.50		1.35	
" <i>Europeus</i> .....	.10	1.00		.90	
<i>Exochorda grandiflora</i> .....	.20	1.75		1.60	
<i>Fagus ferruginea</i> , <b>American Beech</b> .....	.10	.75		.65	
" <i>sylvatica</i> , <b>European</b> " .....	.10	.65		.55	
" " <i>purpurea</i> , <b>Blood-leaved</b> .....	.10	.90		.80	
<i>Fraxinus Americana</i> , <b>White Ash</b> .....	.10	.75		.65	
" <i>Arizonica</i> .....	.15	1.50		1.40	
" <i>excelsior</i> , <b>European</b> " .....	.10	.50		.40	
" <i>Oregonia</i> .....	.15	1.50		1.40	
" <i>Ornus</i> , <b>Flowering</b> " .....	.15	.65		.55	
" <i>pubescens</i> , <b>Red</b> " .....	.15	1.25		1.10	
" <i>quadrangleculata</i> , <b>Blue</b> " .....	.15	1.60		1.50	
" <i>sambucifolia</i> , <b>Black</b> " .....	.10	1.10		1.00	
" <i>viridis</i> , <b>Green</b> " .....	.10	.40		.30	
<i>Fremontia California</i> .....	1.00	10.00			
<i>Garrya elliptica</i> .....	.60	7.50			
<i>Gaylussacia resinosa</i> , <b>Huckleberry</b> .....	.20	2.00			
<i>Genista tinctoria</i> .....	.15	1.50		1.40	
<i>Gleditschia triacanthos</i> , <b>Honey Locust</b> .....	.10	.50		.40	
<i>Gymnocladus Canadensis</i> , <b>Kentucky Coffee</b> .....	.10	.60		.45	
<i>Halesia diptera</i> , <b>Snowdrop Tree</b> .....	.15	1.50		1.35	
" <i>tetraptera</i> " .....	.10	.50		.35	
<i>Hamamelis Virginica</i> , <b>Witch Hazel</b> .....	.10	1.15		1.10	
<i>Hibiscus Syriacus</i> , <b>Althaea</b> .....	.10	.90		.75	

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## Deciduous Trees and Shrubs—Continued

		Quantities of 10 lbs. and over	Per oz.	Per lb.	Per lb.
Hippophaea rhamnoides, <b>Sea Buckthorn</b> .....	\$0.15	\$1.35		\$1.20	
Hydrangea arborescens .....	.15	1.65		1.50	
Hypericum aureum .....	.20	1.75		1.60	
" <i>densiflorum</i> .....	.20	2.00		1.75	
" <i>prolificum</i> .....	.15	1.75		1.60	
Ilex decidua .....	.10	.85		.75	
" <i>monticola</i> .....	.10	1.10		1.00	
Itea Virginica .....	.20	2.00		1.90	
Juglans cinerea, <b>Butternut</b> per bushel, \$2.50			.10		
" <i>Californica</i> ....." "	10.00		.30		
" <i>nigra, Black Walnut</i> " "	2.25		.10		
" <i>regia, English</i> "			.40		
" <i>rupestris, Arizona</i> "			.25		
Koelreuteria paniculata, <b>Varnish Tree</b> .....	.10	.80		.75	
Larix, <b>Americana</b> .....	1.00	14.00			
" <i>Europaea, European Larch</i> .....	.15	2.10		2.00	
" <i>leptolepis, Japanese</i> " "	.30	3.00		2.75	
" <i>occidentalis, Western</i> " .....	1.15	16.00		15.00	
Laburnum vulgare .....	.10	.75		.65	
Lindera Benzoin, <b>Spice Bush</b> .....	.10	.60		.50	
Lagerstroemia Indica .....	.40	4.50			
Ligustrum Ibota .....	.10	.40		.30	
" <i>vulgare</i> .....	.10	.60		.50	
Liquidambar styraciflua, <b>Sweet Gum</b> .....	.15	1.90		1.75	
Liriodendron tulipifera, <b>Tulip Tree</b> .....	.10	.75		.65	
Lonicera Tartarica, <b>Clean Seed</b> .....	.20	2.00		1.90	
Maclura aurantiaca, <b>Osage Orange</b> .....	.10	.60		.50	
Magnolia acuminata .....	.10	1.00		.90	
" <i>Fraseri</i> .....	.20	2.10		1.90	
" <i>glauca, Sweet Bay</i> .....	.10	.85		.75	
" <i>grandiflora, Evergreen</i> .....	.10	1.00		.90	
" <i>macrophylla</i> .....	.15	1.50			
" <i>tripetala</i> .....	.10	.80		.60	
Morus alba, <b>White Mulberry</b> .....	.10	2.75			
" <i>rubra</i> .....	.15	1.75			
" <i>tatarica, Russian</i> " "	.15	1.75		1.55	
Myrica Californica, <b>Wax Myrtle</b> .....	.25	2.25			
" <i>cerifera</i> " "	.10	.50		.45	
Negundo aceroides, <b>Ash-leaved Maple (Western)</b> ..	.10	.40		.30	
Nyssa aquatica, <b>Sour Gum</b> .....	.10	.75		.60	
" <i>multiflora</i> " "	.10	.60		.50	
" <i>uniflora, Tupelo, Sour Gum</i> .....	.10	.75		.60	
Ostrya Virginica, <b>Iron Wood</b> .....	.10	1.00		.90	
Oxydendrum arboreum ( <i>Andromeda</i> ) .....	.20	1.75		1.60	
Paulownia imperialis, <b>Empress Tree</b> .....	.10	1.10		1.00	
Platanus occidentalis, <b>American Plane</b> .....	.10	.55		.45	
" <i>orientalis, Oriental</i> " .....	.10	.75		.60	

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## Deciduous Trees and Shrubs—Continued

		Quantities of 10 lbs. and over	Per oz.	Per lb.	Per oz.	Per lb.	Per oz.	Per lb.
Prinos verticillatus, <b>Deciduous Holly</b> .....	\$0.10	\$0.60	\$0.50					
Prunus Americana, <b>Wild Plum</b> .....	.10	.85	.75					
" <i>maritima</i> , Beach " .....	.20	2.10	2.00					
" <i>serotina</i> , Clean Stones .....	.10	.40	.30					
Ptelea trifoliata, <b>Hop Tree</b> .....	.10	.60	.50					
Pyrus Americana, <b>American Mountain Ash</b> .....	.15	1.50	1.40					
" <i>Aucuparia</i> , European " .....	.10	.75	.60					
" <i>arbutifolia</i> .....	.10	.55	.50					
Quercus alba, <b>White Oak</b> ..per bu., \$4.50				.15				
" <i>agrifolia</i> .....	" "	.10	.60					
" <i>aquatica</i> .....	" "	8.00	.25					
" <i>bicolor</i> , Meadow .....	" ..	5.00	.20					
" <i>Catesbaei</i> .....	" ..	8.00	.25					
" <i>Cerris</i> , Turkey .....	" ..	8.50	.25					
" <i>chrysolepis</i> .....	" ..	25.00	.60					
" <i>cinera</i> , Upland Willow Oak .....	" ..	9.00	.30					
" <i>coccinea</i> , Scarlet Oak....	" ..	5.00	.15					
" <i>falcata</i> , Spanish .....	" ..	7.50	.20					
" <i>Garryana</i> .....	" ..		.85					
" <i>ilicifolia</i> , Scrub .....	" ..	9.50	.30					
" <i>imbricaria</i> , Laurel .....	" ..	8.00	.25					
" <i>laurifolia</i> , Southern Laurel	Oak .....	" ..	10.00		.30			
" <i>lyrata</i> .....	" ..	6.00	.20					
" <i>Michauxii</i> .....	" ..	5.00	.15					
" <i>macrocarpa</i> , Burr Oak....	" ..	6.00	.20					
" <i>nigra</i> , Black Jack .....	" ..	6.00	.20					
" <i>obtusiloba</i> , Post .....	" ..	6.00	.20					
" <i>palustris</i> , Pin .....	" ..	6.00	.20					
" <i>Phellos</i> , Willow .....	" ..	9.00	.30					
" <i>Prinus</i> , Chestnut .....	" ..	6.00	.20					
" <i>Robur</i> , English .....	" ..	8.00	.25					
" <i>rubra</i> , Red .....	" ..	3.75	.15					
" <i>Texana</i> .....	" ..	8.00	.25					
" <i>tinctoria</i> , Black .....	" ..	5.25	.15					
Rhamnus Caroliana, <b>Buckthorn</b> .....	.10	1.00	.90					
" <i>cathartica</i> .....	.10	.80	.75					
" <i>Frangula</i> .....	.10	1.50	1.40					
" <i>Purschiana</i> Cascara Segrada .....	.10	2.60	2.50					
Rhodotyphus, Kerroides .....	.10	.85	.75					
Rhus aromatica .....	.15	1.25	1.15					
" <i>copallina</i> , Shining Sumach .....	.10	.50	.40					
" <i>Cotinus</i> , Mist Bush .....	.15	2.00	1.90					
" <i>glabra</i> , Smooth Sumach .....	.10	.35	.30					
" <i>typhina</i> , Stag's Horn Sumach .....	.10	.35	.30					
Ribes sanguineum, <b>Flowering Currant</b> .....	.20	2.50	2.35					
Robinia hispida, .....	.50	6.00						
" <i>pseud-acacia</i> , Yellow or Black Locust .....	.10	.60	.45					
Romneya Coulteri .....	.80	12.00						

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## Deciduous Trees and Shrubs—Continued

		Quantities of 10 lbs. and over	Per oz.	Per lb.	Per lb.
Rosa	blanda .....	\$0.10	\$0.75	\$0.65	
"	Canina .....	.10	.85	.75	
"	Carolina .....	.10	.75	.65	
"	humilis .....	.10	.75	.65	
"	lucida .....	.10	.80	.70	
"	rubiginosa .....	.10	.60	.50	
"	rugosa, Clean Seed .....	.10	1.00	.90	
"	setigera, Berries, Wild Rose .....	.10	.75	.65	
Salisburia	adiantifolia, Ginkgo .....	.10	.75	.60	
Sambucus	Canadensis, Elder, Clean Seed .....	.10	2.00	1.90	
Sassafras	officinale .....	.10	.90	.75	
Shepherdia	argentia .....	.35	3.50		
Sophora	Japonica, Pagoda Tree .....	.10	.90	.75	
Spirea	opulifolia, Clean Seed .....	.25	3.25		
"	tomentosa .....	.10	1.00	.90	
Staphylea	trifolia, Bladder-nut .....	.20	1.75	1.60	
Styrax	Americana .....	.15	2.00		
Syringa	villosa, Chinese Lilac .....	.15	1.65	1.50	
"	vulgaris, Common Lilac, Clean Seed .....	.25	2.75	2.60	
Taxodium	distichum, Deciduous Cypress .....	.10	.80	.70	
Tilia	Amaricana, American Linden .....	.10	.80	.70	
"	Europae, European " .....	.10	.75	.65	
Ulmus	Americana, American Elm (In May only) .....	.10	.65	.50	
"	campestre, European .....	.10	.75	.65	
"	fulva, Slippery " " .....	.15	1.60	1.50	
"	montana, Scotch .....	..	.10	.75	.65
Vaccinium	arboreum, Bush Huckleberry .....	.20	2.00	1.90	
"	corymbosum " .....	.15	1.75		
"	macrocarpon, Cranberry, clean seed .....	3.00			
"	Pennsylvanicum, Huckleberry .....	.20	2.25		
"	stamineum .....	.15	1.75		
Viburnum	acerifolium .....	.10	.45	.30	
"	cassinoides .....	.10	.90	.80	
"	dentatum .....	.10	.70	.60	
"	Lantana .....	.10	.65	.55	
"	Lentago .....	.10	.75	.65	
"	nudum .....	.10	.65	.60	
"	Oxycoccus .....	.10	.85	.75	
"	prunifolium .....	.10	.50	.40	

## Vines and Climbers

Ampelopsis	Veitchii, Japan Creeper .....	\$0.10	\$1.35	\$1.25	
"	Virginica, Virginia " .....	.10	.90	.80	
Aristolochia	Siphon .....	.20	3.00	2.85	
Celastrus	Articulatus .....	.10	1.00	.90	
"	scandens, Staff Vine .....	.10	.60	.50	
Clematis	flammula, Sweet Clematis .....	.15	1.35	1.25	
"	coccinea, Scarlet Clematis .....	.75			
"	paniculata, Japanese Clematis .....	.20	1.85	1.75	

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## Vines and Climbers—Continued

			Quantities of 10 lbs. and over
		Per oz.	Per lb.
Clematis Virginiana .....	\$0.20	\$2.25	\$2.15
" vitalba, English Clematis .....	.10	1.00	.85
Hedera Helix, Ivy .....	.10	.75	.65
Menispermum Canadense, Moon Seed .....	.15	1.50	
Passiflora incarnata, Passion Flower .....	.15	1.50	1.40
Smilax glauca .....	.10	1.10	1.00
" hispida .....	.15	1.60	1.50
" laurifolia .....	.10	.80	.65
" rotundifolia .....	.10	.90	.80
" tamnoides .....	.20	1.75	1.60
" Walteri .....	.10	.80	.70
Tecoma radicans, Trumpet Vine .....	.15	1.25	1.10
Vitis. See Fruits.			
Wistaria frutescens .....	.20	2.00	1.85
" magnifica .....	.20	2.00	1.85
" sinensis .....	.20	2.00	1.85

## Fruits

Apple, French Crab, Write for Prices .....			
Cherry Mahaleb Supply exhausted .....			
Chestnut, American, \$8.00 per bu. ....			
Grape, <i>Vitis aestivalis</i> .....	.15	1.60	1.50
" <i>cordifolia</i> .....	.15	1.50	1.40
" <i>labrusca</i> .....	.15	1.60	1.50
" <i>riparia</i> .....	.15	1.60	1.50
" <i>rotundifolia</i> .....	.15	1.45	1.35
Peach pits, Natural, per bu., \$2.50.....		.10	
Pear, French. Write for prices.			
Pear, Japan, 50 lbs. @ \$2.00 per lb. ....	.15	2.25	2.15
Pear, Kieffer, 100 lbs. at \$1.90 per lb.....	.20	2.50	2.15
Quince .....	.20	2.50	
Myrobalan Plum, \$24.00 per bu., 5 bus. @ \$23.00..		.60	
per bu.			

All orders will receive my best attention, and packing for shipment will receive special care and seeds will be packed in a manner that will permit their reaching destination in perfect order.

# Thomas J. Lane

## TREE SEEDSMAN

Dresher, - - Penn.

October 1st, 1917.